

19981017.ba v02_n262.bam.981017

>From ???@??? Sun Oct 18 14:25:38 1998
Message-Id: <199810171633.LAA18157@sco.theporch.com>
Date: Sat, 17 Oct 1998 11:17:18 CDT
Subject: BOATANCHORS digest 2262

BOATANCHORS Digest 2262

Topics covered in this issue include:

- 1) FS: Universal Services Model A2-3 Product Detector
by deanbers@ix.netcom.com
- 2) CE-100V
by John R Bookout K7JB <k7jb@uswest.net>
- 3) BA's FS: SX-62A, SX-71, S-53A, HQ-170A, NC-100ASD, Hallicrafter Mic
by w2ec@VNET.IBM.COM
- 4) AVO 8, any of you guys familiar with it?
by Richard Loken <richardlo@devax.admin.athabascau.ca>
- 5) Re: GB> AWA '29 Event (fwd)
by "Roberta J. Barmore" <rbarmore@indy.net>
- 6) RE: Forced air cooling of tubes
by "David Newkirk" <dpnewkirk@home.com>
- 7) EV 636 Mic Element
by Robert Lawson <lawson_r@popmail.firn.edu>
- 8) Care and feeding of the R-390A
by brisch@uswest.net
- 9) FS BA GEAR
by agemi <agemi@flips.net>
- 10) TX Tube info wtd: UX-CV11
by Mike Maloney <ac5p@ionet.net>
- 11) portable regen/ckt wanted
by Mike Maloney <ac5p@ionet.net>
- 12) Re: Forced air cooling of tubes
by Al Parker <anchor@coastalnet.com>
- 13) 1929 Tubes
by "Roberta J. Barmore" <rbarmore@indy.net>
- 14) Wanted
by Kevin Pease <hamradio@mm1001.theporch.com>
- 15) Re: AVO 8, any of you guys familiar with it?
by Dick Dillman <ddillman@igc.apc.org>
- 16) re: 1929 Tubes
by Jim Hill <jshillw6ivw@earthlink.net>
- 17) Re: Avo 8, Sign of Prestige
by Andre Guibert <aguibert@sympatico.ca>
- 18) Re: 1929 Tubes
by "Mike B. Feher" <n4fs@monmouth.com>
- 19) Re: 1929 Tubes

by "Roberta J. Barmore" <rbarmore@indy.net>
20) Re: 1929 Tubes
by "Roberta J. Barmore" <rbarmore@indy.net>
21) AvoMeter
by Al Klase <skywaves@bw.webex.net>
22) Re: AvoMeter
by "Mike B. Feher" <n4fs@monmouth.com>
23) Pamoramic Radio Products PCA-2 panadaptor needs a home
by "Lawrence R. Ware" <lrware@pipeline.com>

From: deanbers@ix.netcom.com
Date: Fri, 16 Oct 1998 14:34:13 -0500 (CDT)
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Message-Id: <199810161214641@>
Subject: FS: Universal Services Model A2-3 Product Detector
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

FS: Universal Services Model A2-3 Product Detector

I have for sale a Universal Services, Model A2-3 Product Detector.
This is the unit designed to plug into the Collins 75A-2 or 75A-3
NBFM socket. Does not include shaft extension or knob.

\$75, shipped.

Dean, K06IJ

Message-ID: <3627B3A7.2D61CCEE@ptld.uswest.net>
Date: Fri, 16 Oct 1998 13:59:19 -0700
From: John R Bookout K7JB <k7jb@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: CE-100V
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BA's:

Can anyone tell me how to install the zener diode mod for the audio
limiter circuit in the Central Electronics 100V? I would like to
install it in my CE-100V.

Thanks, John.

--

Best 73's

John K7JB

E-Mail: k7jb@ptld.uswest.net

Packet: K7JB @ K7JB.nwor.or.usa.na

BOAT ANCHORS.

Radio Receivers:

CV-157/URR SSB ADAPTER

R-390/URR COLLINS S/N 4651

R-390A/URR EAC S/N 1475

R-390A/URR Imperial S/N 2168

SP-600-JX-17 S/N 20338 Diversity

Transmitters:

CE-100V S/N E 209

CE-100V S/N E 670

From: w2ec@VNET.IBM.COM

Message-Id: <199810162059.PAA18316@sco.theporch.com>

Date: Fri, 16 Oct 98 16:58:46 EDT

To: Old Tube Radios <boatanchors@theporch.com>

Subject: BA's FS: SX-62A, SX-71, S-53A, HQ-170A, NC-100ASD, Hallicrafter Mic

Over the last 40 years I have gathered and used lots of equipment and have finally settled on what I expect will be the pieces I intend to keep as my day-to-day permanent BA station. Rather than just store the remainder of the gear, I intend to make it available to the BA community.

This is the first of what will be several offerings of some of my excess BA collection for sale.

Items specifically for sale at this time can be found on my web page. You can access pictures and details of those items at:

http://www.geocities.com/~ac_cars/radios.html

I'm only selling a few pieces at a time, I want to make sure everything I offer is up to snuff, clean and functioning before making it available.

These are not mint condition collector quality items, rather they are good neat, clean and solid functional gear, ready to display and use.

Hallicrafter S-53A w/manual copy - \$65 plus shipping

Hallicrafter SX-62A w/manual copy - \$235 plus shipping

Hallicrafter SX-71 w/manual copy - \$125 plus shipping

Hallicrafter Mobile Microphone - \$50 plus shipping

National NC-100ASD w/manual copy - \$175 plus shipping

Hammarlund HQ-170A w/clock & manual copy - \$235 plus shipping

Be aware that a few of these are heavy and shipping will be expensive because I will use a professional packing service. I'd be willing to meet within a 75 to 100 mile radius from Binghamton, NY to aid in delivery and avoid expensive packing.

As I bring things out of storage and ensure they are clean and operational, I will post more items to the list.

73, Ray W2EC

Date: Fri, 16 Oct 1998 15:30:29 -0600 (MDT)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
Subject: AVO 8, any of you guys familiar with it?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id:
<Pine.PMDF.3.95.981016152523.541068968A-1000000@devax.admin.athabascau.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

How did the AVO 8 mutate over its production life?

I have an AVO 8 and a manual for an AVO 8 Mk III, there is nothing written on the AVO 8 to suggest that it is a Mark anything but a reading of the Mk III does not turn up any differences with my unit. I could go through the meter and compare it to the schematic part by part but not just now thank you.

Don't expect a high number of American answers on this one. :)

Richard Loken VE6BSV, Systems Programmer - VMS
Athabasca University
Athabasca, Alberta Canada
** richardlo@admin.athabascau.ca **

Date: Fri, 16 Oct 1998 16:54:41 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: GB> AWA '29 Event (fwd)
Message-ID: <Pine.SUN.3.96.981016165410.17923B-1000000@indy2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

The tubes I am pretty sure about:

'01A (If you can live with a "shouldered" example, you can still find 'em. Not a bad tube. Some of the OTs pushed them a *lot* harder than is actually possible. Like the bumblebee, nobody told 'em it was impossible).

'10

UV-202A

'27

'45

'71A (I think that's the number--AF triode predating the '45. Might not be a wonderful RF tube).

'22 (screen-grid, low power)

Possibly the '30--need to check that one.

...And a UV-199, of course. (*Dooooon't* do it, they don't make 'em any more and there weren't that many to start with! Many a very old BC set sits idle for the lack of a 199, which had a non-standard base and no offspring).

This is off the top of my head. I'll have a closer look in old Handbooks &c this evening. There are a *lot* of possibilities. I *think* the '46 may've shown up by 1929, in which case it would be a nice option; it's a screen-grid tube with a bit of oomph, and can be triode-connected if you want to go that route. It's also not one the audio guys are all over; they kinda like '45s and '10s are hen's-toothy any more (which is not all the AF crowd's fault--they were not that easy to find 20 years ago!) Even the '27 has become sought-after, as it's a very quiet, well-behaved little triode (a credit to the family, well-nigh indestructable), carefully thought-out as a GP triode. I dunno if a '22 would get you out of your own back yard, but you could probably whomp up a really stable little ECO with one.

73,

--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

From: "David Newkirk" <dpnewkirk@home.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Forced air cooling of tubes
Date: Fri, 16 Oct 1998 18:01:53 -0400
Message-ID: <000101bdf950\$95aec240\$33940318@cc632587-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dick wrote:

> You can always exceed the plate dissipation of any tube but more
> important is to keep it in the linear operating curve.

What limits the instantaneous and long-term performance of a tube is its
cathode emission; assuming that a tube doesn't get gassy, that's what gets
"used up" as a tube ages. Overloading -- that is, making the cathode emit
too many electrons too fast -- uses up the cathode material up sooner.
Whether this is done with tube operating linearly or not doesn't matter.
Overloading that sufficiently overheats the plate or other elements can,
depending on the tube, result in outgassing from those elements that may
"poison" the cathode and damage its emission.

Of course, overheating that does things like melt holes in plates, suck in
envelope glass or warp grids causes failure in more spectacular, "macro"
ways not directly related to cathode emission. Overheating grids and screens
sufficiently to make them melt or emit electrons of their own can also kill
a tube irrespective of the health of its cathode.

73,

Dave Newkirk, W9VES
dpnewkirk@home.com

Date: Fri, 16 Oct 1998 17:29:24 -0400
From: Robert Lawson <lawson_r@popmail.firn.edu>
Subject: EV 636 Mic Element
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Message-id: <3627BAB4.5F7E@popmail.firn.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Fellows,

Have any idea where I could obtain a mic element for my newly acquired EV 636 Slimaire microphone. I will not tell you that I obtained it from E-Bay. Yep, I know, maybe a Heil HC-5 element, but any Slimaire elements out there? Would like to keep it original in it's audio quality for my fire-bottle gear.

Wish me luck. Thanks in advance.

Robert W4RL Pensacola Florida "Homebase of wayward Hurricanes"

Date: Fri, 16 Oct 1998 18:10:43 -0500 (CDT)
From: brisch@uswest.net
Message-Id: <1.5.4.16.19981016181006.1de71518@mail.mn.uswest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Care and feeding of the R-390A

There was a thread about lower voltage for the 390A.
I just got my trusty variac mounted and tried to duplicate
some of the lower voltage experiments.

So here is the problem, my R-390A dies on anything less than
115 VAC. When I turn the variac down a station I am listening to just fades
away. The assumption is a weak tube,
thus the fade. I haven't had a chance to test tubes yet but I am just
putting this out to see what comments can be made.
Looking for experiences from you that may have run into the same problem or
something similar.
Well any comments?
Good BAD or Indiferent.
TIA
Bill K0QK

Date: Tue, 13 Jan 1998 22:39:01 -0500
From: agemi <agemi@flips.net>
Message-ID: <10943.980113@flips.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS BA GEAR
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gentlemen, I will trade the following items for cash and possibly three

or four vacuum relays.

Collins 32S1 and 75S1 Good condx, have been stored for ~30 years. \$ 850.00

Collins ARC 38A aircraft SSB transceiver W/control box \$ 60.00
Extra control box \$ 15.00

Early ARC 5 RX (CBY-46104) 1.5-3.0 mHz. W/original local control knob. \$ 50.00

GRC9 chassis (for parts) \$ 30.00

BC639A (SCR522 ground RX) \$ 30.00

ARC 5 VHF TX, T-13A (Army T36A) \$ 25.00

Rare WW2 German Lorenz RD12TF Xmitting tube, marked "WEHRMACHTEIGENTUM" ?
Removed from Wurzburg radar installation 1944 \$40.00

Roger KD4AS

E-mail or TEL: (561) 335 4121 Fax: 335 3940

Message-Id: <3.0.2.32.19981016195847.007fad60@ionet.net>
Date: Fri, 16 Oct 1998 19:58:47 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Mike Maloney <ac5p@ionet.net>
Subject: TX Tube info wtd: UX-CV11
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Acquired the subject toob today from some of my dad's
old stash. Appears to be a mid size triode of good
construction quality. Made by United Electronics Co. of
unk?, USA. My '37 Jones HB and '39 RCA Tube manual dont
give a clue.

Anyone have the specs and vintage on this bottle?
Could it be pre-30's power osc/amp use?

Message-Id: <3.0.2.32.19981016203932.007fd680@ionet.net>
Date: Fri, 16 Oct 1998 20:39:32 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Mike Maloney <ac5p@ionet.net>
Subject: portable regen/ckt wanted
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I am wanting to buy or build a proven regen receiver ckt.
It must be portable and light on battery loading. Plug in
coils and good bandspread tuning desired. Hi or lo impedance
headphone output only is sufficient. Anyone have such a box
or proven ckt to sell or share or swap for something?

Mike, ac5p

Message-Id: <3.0.5.32.19981005212443.0084d540@mail1.coastalnet.com>
Date: Mon, 05 Oct 1998 21:24:43 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: Re: Forced air cooling of tubes
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

10/14/98, W2EC wrote:

>Any engineers out there tell me if a dramatic increase in the airflow
>would have any effect on the tube cooling characteristics.

That was the original question.

Varian Eimac div., in 1967, published "Care and Feeding of POWER GRID
TUBES". 156 pgs, paper bound, info which should answer most questions on
how to do it. I built a 4CX250 amp abt 15yrs ago, and consulted this book,
and other info available. I can't find my sheets on the 4CX250 right now,
so can't quote its' ratings, BUT, on pg 108, in a bold letter separate
paragraph, it is stated:

"Excess cooling will have only beneficial results and inadequate cooling is
almost certain to invite premature failure of the tube."

In my re-examination of the contents, I find no reference to air velocity,
just calculations using mass flow of air.

Also, pg 140 states:

"In general, the tube ratings are so chosen that operation within the
ratings will give a minimum of 1000 hours of guaranteed life. The typical
life expectancy is therefore considerably greater and will depend upon a
great many factors. In general, operation below the maximum ratings will
increase the life expectancy of the tube. This is especially true with
reduction in the plate dissipation of the tube."

I have done a lot of heat transfer calculations in my past life as a
Professional Engineer. The air flow through these tubes at the rates

specified is not laminar, but turbulent. Increase of velocity will increase heat transfer (cooling). (and also blower & ducting noise) I have enjoyed the discussion on this topic, with lots of good input, most all of good technical merit. I resisted the temptation to write something when I first saw the post, but breakfast was about ready - I'm sure I benefited more from my resistance, in more ways than one. It's taken a day & half to get back to it.

73, keep 'em glowing (not those air cooled ones) I did that once - melted the solder on the plate line.

73,
Al, W8UT
New Bern, NC
Boat Anchors appreciated here
anchor@coastalnet.com

Date: Fri, 16 Oct 1998 23:02:40 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 1929 Tubes
Message-ID: <Pine.SUN.3.96.981016221040.24710C-100000@indy3>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

I promised I would, so I am. Alas, Lud Sibley is too careful a scholar; he only gives dates for tubes that he can *document* rather than infer. So I shall use the 1930 ARRL Handbook; remember the HB is put to bed in the *preceding* year, so if a tube is in it, it was available in 1929. All tubes directly-heated triodes unless otherwise stated. Tube numbers are the way the League wrote 'em.

- '01A
- '03A (203A, 75W)
- '04A (204A, 250W!!!)
- '10 (7.5W) (Until us hams got hold of it, at which point it was higher 'til the tube melted)
- '11 (211, intro in 1923) (75W)
- '12A (112A, 0.26W)
- '20 (110W!)
- '22 (tetrode)
- '24 (tetrode, AC)
- '26
- '27 (AC)

'30
 '31 (Said to be audio. Low mu)
 '32 (tetrode)
 '40 (high-mu)
 '45 (5W? Many were pushed harder!)
 '49 (849 triode, *not* the 49 receiving tetrode)
 '50 (250, *not* 850 which is from 1930)
 '52 (852, 75W; there was a tetrode 52 good for about 6W later on,
 post 1929, so don't get 'em confused!)
 '60 (860, tetrode, 75W)
 '61 (861, tetrode version of 831, sayeth Sibley, but he dates 831 to
 1932! It's in the '30 ARRL in just the form shown, and bedarned if I can
 find a "normal" maker's prefix followed by 61 other than 8. Power ratings
 are close, ARRL sez 500W, Sibley 400. Better ask AWA on this one).
 '65 (865, tetrode, 7.5W, not the 65 receiving tube from 131).
 '71-A (0.7W, and they say it's an audio tube. Might be worth a try on
 80m but don't use your last one).
 841 (15W)
 842 (ARRL sez 7.5W, Sibley 20W "am'tr & exp." Audio tube, but...?)
 (UX) 199

And that is the list. With cross-checking, about an hour and a half's
 work. I shoulda baked ya all cookies instead! ;) Use at your own risk;
 probably not complete; but I'm awfully sure these are all tubes a person
 could have bought in 1929, though maybe not after October for many average
 Joes.

73,
 --Bobbi

(Sez in an ad here "...The sun never sets on Candler System Radio
 Operators..." I'd send in for the lessons, but back then, the sun never
 set on the British Empire, either. Alas, they don't colour so much of the
 map pink any more...and slingin' lightning isn't so very much in demand
 these days. Slingin' digits just doesn't have as much zing...! [And it
 sounds
 rude!])

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
 FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
 Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

 Date: Fri, 16 Oct 1998 23:44:28 -0500 (CDT)
 From: Kevin Pease <hamradio@mm1001.theporch.com>
 To: Old Tube Radios <boatanchors@theporch.com>
 Subject: Wanted
 Message-ID: <Pine.LNX.3.96.981016234148.7504A-1000000@mm1001.theporch.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am looking for a Central Electronics 20A Or 20B SSB Receiving adapter.
Also still looking for and probably will for a long time the E and F coils
for a HRO-60 RX. Also would like to find an XTAL calibrator for the
HRO-60.

I beleive that HRO-50 E and F coils will work also.

Kevin Pease
WB0JZG
Mount Juliet, TN.

Date: Fri, 16 Oct 1998 22:40:06 -0700 (PDT)
Message-Id: <2.2.16.19981016223805.503f2f90@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Re: AVO 8, any of you guys familiar with it?

At 03:30 PM 10/16/98 -0600, Richard Loken wrote:

>How did the AVO 8 mutate over its production life?
>
>I have an AVO 8 and a manual for an AVO 8 Mk III, there is nothing written on
>the AVO 8 to suggest that it is a Mark anything but a reading of the Mk III
>does not turn up any differences with my unit. I could go through the meter
>and compare it to the schematic part by part but not just now thankyou.
>
>Don't expect a high number of American answers on this one. :)

Perhaps not but I myself am a proud American owner of an AVO 8 Mk III.
Couldn't resist it when I saw it under the table at a swapmeet a few years
ago. The workmanship, the British quality, the mirrored scale. Totally
cool. So, Richard, if you do get some answers to your question about the
AVO 8 please share 'em with me.

73,

Dick

Dick Dillman

<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Message-Id: <3.0.5.32.19981016224255.016a7100@earthlink.net>
Date: Fri, 16 Oct 1998 22:42:55 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Hill <jshillw6ivw@earthlink.net>
Subject: re: 1929 Tubes
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here's a couple mod's to Bobbie's nice list of 1929 tubes:

'20 Think the decimal point is misplaced. my 1946 ARRL Handbook lists it as an audio output tube with a 0.11 watt output rating

Add the '02 (202). It's an early triode with a 5-watt output rating. Early QST articles caution the user to measure the filament voltage at the socket. Spec's are:

Overall dimentions..... 1 1/8 x 5"
Base..... 4 prong standard
Filament voltage..... 7.5V
Filament current..... 2.35A
Plate voltage..... 350V nominal
Plate current..... .045A
Output impedance..... 4000 ohms
Amplification constant.... 8
Watts output..... 5 normal
Price..... \$8.00

73's Jim

Date: Sat, 17 Oct 1998 07:09:21 -0400 (EDT)
Message-Id: <199810171109.HAA13343@smtp13.bellglobal.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Andre Guibert <aguibert@sympatico.ca>
Subject: Re: Avo 8, Sign of Prestige

Bonjour to All

Quite numerous here in Canada, any decent elec. tech.
had one and numerous customers would have a releived
look on their faces when they would see the Avo.
Mine is: Avo Model 8 No. 79013, 468
Take a peak inside, built like a tank.
Andre

Message-ID: <002b01bdf9ea\$49fca700\$2a18bfd1@n4fs>
From: "Mike B. Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 1929 Tubes
Date: Sat, 17 Oct 1998 09:22:06 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Roberta and group -

ARRL handbooks, the ones before 1943 anyway, had multiple editions with multiple printings printed, some as many as three or four a year. There were three printed in 1930, the second printing of the 6th edition in March 1930, the third printing of the 6th edition in June 1930 and the first printing of the 7th edition in October 1930. The printing/publishing date is inside one of the first sheets. The 1943 handbook is the last one to have this sheet showing all the dates for different printings as after that there was only one per year. So conclusions drawn have to be weighed accordingly.

Regards - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193
->

Date: Sat, 17 Oct 1998 08:47:19 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: BA <boatanchors@sco.ThePorch.com>
Subject: Re: 1929 Tubes
Message-ID: <Pine.SUN.3.96.981017084356.15892A-100000@indy2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Mike!

My '29 is the first printing, 7th Edition. But It did go to press in '30. Cross-checked with "Tube Lore" where possible; are there any wrong tubes on my list to your knowledge?

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Date: Sat, 17 Oct 1998 08:51:37 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 1929 Tubes
Message-ID: <Pine.SUN.3.96.981017085005.15892B-1000000@indy2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Oh, I should have just stood in bed. The 7th ed, 1st printing ARRL HB hr is a 1930 one, not '29 as I writ in pevious. Serves me right for not making coffee *before* logging on!

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Message-ID: <3628AD73.8FF82C5A@bw.webex.net>
Date: Sat, 17 Oct 1998 10:45:07 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: AvoMeter
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anchorites,

The AVO-8 thread reminded me that I have a Model 40 Universal AvoMeter with the Air Ministry AM and crown logo on the scale. Can anyone help me date this instrument?

This discussion started kind of abruptly. For the uninitiated, AVO (amp-volt-ohm) is the Brit equivalent VOM. AvoMeter is the registered trade mark of the Automatic Coil Winder & Electrical Equipment Co. LTD.

PLEASE DISREGARD THE ABOVE REQUEST. I just found the 1942 date lurking at the bottom of the meter scale.

73,
Al

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-ID: <00b301bdf9f8\$de8f97c0\$2a18bfd1@n4fs>
From: "Mike B. Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: AvoMeter
Date: Sat, 17 Oct 1998 11:06:21 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have had about 6 AV08s around here. Gave most of them away. I still have two left and they do have subtle differences. They are about the equivalent to our Simpson 260 but larger and considerably sturdier. A few of the friends that I gave them to were mechanics and needed an instrument that could withstand some abuse. The AVO 8 is ideal for the job. They just do not crack as easily as the Simpsons do. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

Message-Id: <3.0.5.32.19981017112407.008969f0@pop.pipeline.com>
Date: Sat, 17 Oct 1998 11:24:07 +0000
To: Old Tube Radios <boatanchors@theporch.com>
From: "Lawrence R. Ware" <lrware@pipeline.com>
Subject: Pamoramic Radio Products PCA-2 panadaptor needs a home
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Good afternoon folks!

Last Shelby I acquired a model PCA-2 T-200 panadaptor.
Since then it has been the recipient of a NOS 2AP1-A CRT,
some resistors, lots of caps, a three wire power cord, inrush limiter,
BNC connector, tubes, and quite a lot of labor.

Recently it came off the bench after a complete alinement and
set up. (Meets all manual spec's and has a nice bright trace. :-)

Hooked up to one of my Nationals, I found myself disappointed. :-(
Really doesn't work well with my RAO....
It seems the extra preselector and extra gain from the preselector
in the National are more than it can compensate for... Response -vs-
frequency is far from flat... <sigh>
Response -vs- frequency is quite good on the bench, I just suspect
the designers had less preselection in mind when they built this.
It has the classic double hump response you need to produce a
reasonability flat overall display when picking your IF off the
mixer stage.

Anyway, this wonderful little toy needs a new home.
Unit is nice looking, (about an 8) no rust, has one stain inside
on the chassis, meets all manual specs. and needs to be with a
more compatible radio. Perhaps a Halli?

Three wire power cord, inrush limiter, and BNC input connector
can all be reversed easily, (No holes added, even the BNC dropped
right in where the pick up wire rubber grommet was before.)
NOS CRT was new in the box before being installed, has about
2 hours on it now, so it will last many years.

Copy of the Halli SP-44 service lit for it, (Which is about 90%
correct for this unit.) comes with it. They look identical, but
there are some minor differences under the chassis.

\$85 plus shipping will get it to your shack.

-Larry

Larry Ware
Admirer, Collector, Restorer of National Radio Company
receivers and other artifacts.
Orlando, Florida
lrware@pipeline.com

End of BOATANCHORS Digest 2262
